11 Farkost, Newarks A. J. March 23. 1898 Mr Gre E. Raneuport Millean Sir. of the Be has been Occioned, I regret that I come a Specimen of a. Chemoidy at the present time, The plant which I found a year ags, threw our Muring last Leason at least a claser Fronts but unfortunally they mere measly destroyed by a morn before altempled to gather speces imens, I Aldale Watch The fire Clas more Cloudy They Course Summer

and if posseble You again ou this michell you a Subject and mee Good Specimen. be pleased to your I did not du cover Jour any empormation but one plant of a Much I may possess, Ebenouty, It was associ I Shall The in this City at above adres atea with Camplowing for forme months, but I did not trolice aspleiim Ebeneum, Bother Finshul Bourg several feet of it John Helaw, The Camptosones is found Moughout our Lection to generally on limestona Jocks, Northern Exposure in open fields. also in Open woods, but always upon bocks There are also one Ortwo other rather in Canaca - I Should like to hear from

July 15-1878. Ges. E. Davenporten, Musteastin I regard very much that am inable to Send you a bette Specimen of asklemine Ebenoidy Than the one inclosed. The fact is the plant has yielded Since I discovered it but three I be cinques -Our I sent Bof may _ One Bot Ealou & the Other I inclose you. (fon Drie Lu Of this That I Shall have to Wait another Leason

Refore Oblaining one for Rad horrerer to De ably to send you this + hope it this aune in good order an Jan my my my form,

Jurye & Davenfort En Horders Mins Doar Sig I send you ly lockings asseive serve of the grain ferres your spoke of first gatheress I find guest difficulty to get things to puch suitable, but sons as parile I will gather an. anothment and send you in reach your safel, will send you better ones som. Will you pleas inguin the price of a mo chellers Saddle with double rein hidle blanket Creriper and brough plate hen I so dving gen will confer a farm they funder darden

Lew Lose love 15th the Davenport 1879 Lear Sir I ought Thave a charitedyed, some trine frues the receipt of your valuable Cataloguel - Merce how acrefet thanks. I am bush pleased, & although I can not gathering ferus from my Lewistie Spudpoint, as few will be aware When I ask you a few questions that I tope you will find time, Do be kind evogle to answer-I have over a hundred specimens of Leeus, wieleding king Lelsquelles several Ly godinus, & Ly so podin Ju toution Lygodisum as a Claimbring form, please tell we if all climbring forus come mader that head, of where you place the

other class of plants - une Ty co podum Lood wors, which way not be ver, ever classed, or ought they tobe wan hat for some different to calif the head of terus. Serve work hoss is for Josewith. the blue ought till we, had I am either green from but Hamilton, the toostufied or weary to search for the information - I have fine derk tairy was from Lower very lovely specimens of but Sheaster, Is all of the fine Lelaquella, two that we wood was fune Bald but Lun. If you are preced with there, almost shruby in their char. actor, and freign growth I presume & have have from Oregon I shall as they are from a Lot home take pleasure in sending you I know very little of their fabits Some of that after a line but am greedy for them, for their I enclose a scrap of a great beaut especially those Carge fern, which if gire beine from the Lemaniele Salando. not any few collection & will send fin a fine species. I shall be wast Jakpe to send I send you a ferre in full finit, the variety- not wholly decided by the wire Quen here. he bolling some of our Breifie Algae It was garried a few weeks since Our udethed the yer a few fin from the fort of let Famelpais, specim of castin aleas -Hours Keefel as were also the others for will find we a box I shall wail byon this evening. VI Withie W. allene I have parked several kiels of

Dear Sir. I mail you to day a small porwhich I collected at Centercia Cision que terday. As ofportunity Here I shall collict others and send you I have not forgotten your request for to mas lustin fail at mile try my personent officer



my address is Unburn, Placen Lo! lealifornia. Home found but few feens so for; The Adiontum Chilens, Kaulf. Lymnogomm triongulais, lf. Polypodium baliforniam H. one Peller profoshy ounthopingling En told of a booling when mon fine beens are soid to grow which hope to print head hope high hope his freely bound. Many 2. Pulaite los





Ges. E. Donenfort 8 Hamilton Place, Boston, Mass.

Tey lossville, Inchian bally Phumas leo, leal. Leb. , 3 to. 1874. yeo. E. Dovenfort -Deor dir; Allow me to it to you much sincerely for it we pleasur your parcel of the telloca was reported to me h In Gray as P. Mightiana (P. mucronate that was) A single specimen of Botage own and although it does not a. I very near us I think i on get a specimen for you. I will send you noots of to Dilea and also of to bold fem Gin regroums tringulous of Ocon

get it. will be day he a forence nothing its request for both have never yet been oble I secure from lack of some to direct specimens of to essen molerials when al to apoli this season I shall There is a lavely Polypoolium of prepared & coplain some of i ming in me of our conons A sain tranking you for to It may be it one you desiry exercisión persona on P. Colifornicum. I home Mary E. Pula fer Ames. in technical description of wither. will send you while ferms I can collect this summer . I will take much pleasure in dorne so. I would like it rend, if agreeable to you, manbered specimens for naming, I would indeed be pleased to receive 3 collection of ferns pur you but I do not like took for them because I know I con who make a fitting return for no many of her charming prints. I know of a clump of ey sensitive ferno those

Mylorsville, Indian halley, Plumas les, leal. Dec. 2 nd, 1844. ma Ges. l. Lavenie -; - hours yours of how, 5 h is received. I right that I cound exchange feens with you. I am especially interested in ferns but have no duplicates or I should be most hoppy to recharge with you. When me mound to this place I trough with me from don fore quite a collection of Pellocus and others of volume but how sent them are away. I include a Elles mightions from this locality. Respectfully yours, many E. Pulsifer Ames * P. harry plete

new possible that you moved sometime send me a specime Taylorsville, Indian balley, A Consclia sensibilis. I would like to make ferna Plumas loo, bal. Sept. 15- h. 1875. more of a study thom I have Geo. E. Devenfort -Der dir; hitherto one and con your refer me to a book that will Twe me a more extended Knowledge of tem thou low be geens you allude to said receined to nomes you so kindly yound from our text books? By doing so you will confer sent in return but I have been a green form for which I to any to acknowledge them shall be thinkful. befor! I enclose a few more nonement to silvery bymno-nonement which I hope may prove Eyeur hoot, and heliam mu Respetfull, Jours, Mary E. Pulsifer Ames. acceptable. you may assure Prof. Eaton that to Bothy him is found growing quite abundantly al Butterfly Valley in our country. This ralley is some seven miles N. h. of Luincy, it county sest of

Parmas loo, It is it only locality age become her present cir-. . . stote in which I home cumstoners do not admit of Butify balley is truly fin , outloy. I do nor wish, ever, that you should in miles distant from us and I to core you will har, intenote that I have made this sugges not when I can again visit I have other feens to send ite shot, perhaps next spring when It Docting tomas bloom, for I do not know how to pass its a soon as I can find time surremen without a pilgrimage in put them up. The others to this beloved plant, If you I al you, I thought new could wait until them I would me erable specimens besides I send you both specimens and how not get holf repaid you roots; but in cose you prefer them this Fall I give you to for to beautiful collection your 20 1 wously real me lost year. address of a lody friend who re-I have had no opportunity of sides there and who I am sure "lecting to few hich I desigmould wellingly send them to .. ted, in my letter you as, Sensiti Phimas los, bal. Fren" I called it "sensitie" because of it of fogility withering Should you address her please sen enclose otomps to prepay trastarmost on to touch; but it is not to "Enocles" I wish if it

Tayioraville, Indian Valley.
Chimas los leal.
Jan. 10 th, 1870. Dovemport -Dear Sir; your charming Spackage of feens men duly re-Secured. They are very beautiful gond so nicely prepared! b, some neglected unting you until I could put up a I parkage for you and also to I make out a list of desiderale Efor roughly which has moved a formidoble one. I am already fine years that I gen I shall were be able to fully repay I you but I will do all I con If you. I I would indeed be delighted I mould indeed be delighted

spore from those you weine from bolorado, htoh or to South a single speci. men only, of each. one this or four numbered openimens for determination, growne norgaloris I home at pusers & opone. I respecty. and tage I how more for you. among it wot I sent you, it settle feen wol coroffed in a sepa not piece of poper nos it silvery igmugronime it only root I had. I have sent for more ond of I receive them you shoes home them. The other roots were to Pellesa I sent you some time Thenking you sincerely for your holy, many forors I remain your haly, hong E. Pulsifer Ames.



May I usk you to send me a copy of modell Phillips appeal to citizens of Baston for to proservation of els Old south Church? Restretting yours. Many E. Pulsifer Ames July 15; 176, Taylorsulle, Pluras los lealifornia

Tayloraville, Indian Valley, Plumas leo., leal. Aug 17th, 1876. Geo. E. Davenport -Dear Sir; prevented me from acknowledging to receipt of your very valuable gift which came on to 10 thinst. The Elm looks very natural and it required no very unde stilet of fancy to imagine nignelf ogoin beneath its shode. Phone accept many, many thinks for this and windell Phillips oration and it Centermal paper. I will try to return to I now in something more sub-

I go below in to mentione Believe me - If grotefully yours, mary E. Pulsifer - Ames. Hear make out a list- of our lorliformian ferms that you would like wot 5 -, and send . i. After Nov. 1st, address me al Son Jose, Santa Colora Li, leal. m. 2. P. A.

San Jone, bal. Sept- 5-th, 1877. Fre Geo, E. Donemport -Den Sir! how package of boutiful Freens reached me assur you that they are both very interesting and valuable I shall put you up such specimens as I have of to new aspedium, but they are not good ones. I'm under de impression that I have a longe collection of them some where oming my plants hove them. I will some to Prof. Eston

but had no rootstocks I would like to ask you; please, if There is a Pleris condata n is condata a voz. if P. aquilina? I have a specimen mocked as above recid through eychong and as I could find any such openes in any text book right be a mistoke. Ich me again thank you for your ralesable porkogs of Fierro, said believe me, many E. Publifer ames, r. S. will send I Ferre in a vivy on two oud may enclude a few others that I have already sent before, M. E. P. A.

Aubuen, Placer los, leal, morch 4ct 1878. Mr Danenfort -Dear Sir; you will see by the above that we have again changed our place of usidence, to which you will in future, please address me. I left all my plants at home in Son Jose, with my mocher, where They are sofer and better stored Those they could be at present, with me. I have among my mounted Ppecimens, a fern, labelled le heilanthes bookerse, Eston. This I have written my mother to mail you and which you may return to me at thebun

tion, when I visit som keeping it however, any larget fore, and that may not of teme you many require for be for months, by your kind exemination. I am very sorry permission, I would like to that you had not wetter me send them to you for inspection a few mucks corlier about this fern for I then had dupliede ond noming. for generously ask who the best of which I gove you can send me is re-Iway that I would mand time for it le hichouches glodly hove given you. I none I answer nothing but the honewar, one poor specimen for number of its Toney left and how mitten my Bulletin" containing your mother to send it to me and hate on I humotion in Bothy when received will mail chia" which I short be direct & you. This you may glod to receive. keep. All to openinens I had I moved like to know If this fern were colliced by if No specimen enclosed mr Lemman. I have and I mounted fern never seen it in a living are identical stote. I have a few ferns butifully bours, oming my mounted col many & Pulsifer ames betien that I would like to morch 8th, 1878, submit to you for examina-

. Scula Cm, Cal, Och 29th 1874 Go & Davenkork, Dear Sir, Your letter Came Cash locuing leminding me a second time about the Ferns. To Day I have mailer a package Containing about all we have in this umneviale mighborhood. I will try to remember you should I get any more of those you desire. In looking over your list of Duplicate, and my list of lastern Firms I find the following that I should be pleased to Tolypovium bulgare -Aspioium Solvianum-Scolopendrium vulgan-Cystoptenis bulbifera-Asklenium kinnatifida vinter "mentanum -ruta murana Frichemany Petersii Schizara pusilla -Osmunda Cinnam. var. Aspidium Lonchilis thelypteris -Noveboracenee. Botychium vers. obliquium-dissectum " varo, intermediumdilutation -Bootie -Clintenianum

Askid. Californ. Seems in doubt, Whilauther Californica grows 20 miles from her. I must go myself to secure it. Have seen but One Specimen. Pregupting I have not heard of before. I sent Lomania spicant to Show you that we have it here. To with one or two others. With regulos re Jones Fruly & D'auderan Santa Coniz Cal.

Souta long bal Jan. 5/75 Mr. Goo. E. Davenpert, Dem Sin, I has worked all getting my ferns in proper Shake and making up a package for you, and has just fine ished when you letter came to hand with some little gams of forms, also announcing your charge of residence. I has not thanker, or even ack?, if I temember your collection sent me some month ago. Theare accept my sincer thanks for their favor. I send pretty much all my duplicates of home ferres. Pellacu androin. I have not at present. Pteris aguil. van lannginosa I have plenty of and will send soon I forgot to putil in this pkq. I sent a few spec. of Asplan, filis forming showing how hand some times it is to distinguish from Askidi: um. Lomaina spicaul is scarce here able the fruiting from . I sent all

I have. I sent a catalogue with spec. in my herb. market -. When convenient should of course like any Desiderata. I have not has time to mark the Specimens but there is nothing save what I have sent before. - Chiefauther Cal. I will try to get at the proper season. which is in march or April I think, Living plants for Dr. Hooker. Should I have time will try to sent such as he may wout. But I suppose he already has much of our Cal. species. I put in a small hil of our Itain to see if it is the variety you wish. Sung I left it out of the package. When I pet more Pellowa androm. will dent both Attappy New Year! Jours Frey D. L. auturn

Santa Cmy, Cal. Chaq. 22. 1876 Yeo. E Davenpert, Dear Sir, of your maneuend. I have been moving my lesidence and office and here neglecter senewhat my correspond ent. Enclosed is a list of Frans which notion of such as I might wish. I do not know that I have any Choice. All those market - I have in my Herb. Comy other of course would he welcome, as far as may be converint foryon to send. As to Polypodium into: medicum and Californicum, I must Confus if then are specific differences I count see them, at least do far as uniting of veins as concerned. I have forms here a form with very their leaf much larger from to und generally more delicate teetine which may be what Eaten would call Californiam. It has the views units but not all . It is rare so much so that I have only 2 small specimens one of which I send you in this. But I think it grows in very shady placy where the sun scarce greaths

it which may account for its thin texture I return the specimens you sent me from Chanse Card San Diego, which are called Californium I have never seen Pol. Scoulin. I sent you a small package of the different growth of P. intermedian found near Santa Chy. Yours brug July Ch, anderson

That ford, Ut. Oct. 15, 1900 M. Geo. E. Daverport med ford, man. My dear Sir _ In reply to your request for form in formation expressed in Phodone I am glad to send you the following list of ferris growing in the vicin ty of Thet ford, Vt., Roping that it may Let of interest to you all the openies mentioned I have either som myself seen growing or have seen specimens and you may depend upon identifications

1. Polypodium soulgare - common on rocks, That ford, Vt., Fairlee, Ut. 2. adiantim pedatum - woods, Thetford. 3. Pteris aguilina - every where, Thetfort, st. 4. asplenium Trichomenos schirt rocks That ford. 5. a. Ebeneum - with 4. That ford. also on chiffs-granite. Fairles, Vt. 6. a. augustifolien - delp, wooled ravine That Jord, VT. 7. a. they pteroides with 6 and elsewhere in woods . That ford. 8. a. Filex - forming - wery where . That ford, sto. 9. Pheg opteris polypodioides - woods -

17. a. cristation vas. Chintomiaine. poet woods on Edge of swamp, That I.d. 18. a. Goldiemm. same locality as 6 Thetford. 19. a. marginale - common in words on rocks, 5%. That first, Fairles 20. a. acrostichoides - in woods everywhere. That ford. 21. a. acrostichordes vas. incisum same locality as o, The Hord. 22. 1. aculeatum var. Bramin some locality as 6, That ford. ic. Tystopteris bulbifera - met roadride That ford. 24. Cystopteris fragilis - rocks common Thetford. Fairles.

25. O noclea sensibilis - wery where Thetford, Fairle. 26.0. Struthiopteris - common in allowed soil - That ford, Fairly 27. Woodsia Novemais - very common on rocks & sliffs, Thet fort, Failer, Bredfix W. Obtusa - single specimen, eliffs Faille 29. Dicksonia pidosinscula _ common pastones, etc. Phetford. 30. O sumda regalio - swamps -That ford, Fairles 31, O. Chytoniana roadsides, ste . 16that 32. O. cimanomea. similar località.

and of the Ophioglossaceae -33. Bothychium airplex - woods, Thetford 34. B. matricaria folim - with last That fork lest new the specimens. 35. B. terrature in one or two of its form common in p stones, That ford. 56. B. Virginiamm. common in dans woods. That ford. 57. O phioglossum vulgatum - grassy cleaning in woods . Lyme , N. H. Buy more particular information I will be flat to furnish as Jan as is in my Down . Vary Truly yours a Le Roy andrews.

Williamstown, Man Jun 8, 1901 -Mr. G. E. Davenport. My dan Lis, - Dorailly porailly that How ashford may be interesting to you as a station for 13 thy chime simple from Western Mansachuretto. It gran in a parture mith the He patie Diphophyllum albican tax Johim Kny truly yours, a. Loy unhews.

Wi Vianstown, Mars. Jun 5 18, 1901. Mr. 4. S. Davenport -My 450. In your postal received. I had disposed of my openin un of Botyshim simplex from New askford so that name are left to read you. I suclose mith this the results of collection upon mr. Grey Cock Williamstown which apparently include B. Lance of the B. Simplex and Ealinia tenebroums!

a questionable opscimen which almost suggests B. Lunaria. You can see a munder of specimens in possession of Judge Churchill and party on their return, except that I think they have no ofecim one of B. simplex. The station of this openies was Leculiar as being in deep woods instead of pasture all were from deep woods on tower olopes of Grey tock. Very truly yours. a. Latoy anhews.

7 2 2 6, 2 4,

William town, Mass. June 29, 1901. In. 950 Davenport. My dras Si I have borrowed some of my specimens of Botrychium simpler and send them on for your inospection, to establish my reputation for veracity. Thanks for identification of the This opecines which I sent

you. I think you will find there specin sus beyond any question good B. simplex as I stated be for they were for of near brook. Hous were targer than Those which I sand. Truly yours, a. L. Roy andrews

Southington CJ-8 off 21 1901

Mu George & Davinpart

Dear 8is

and Rhodora Od- 1900 & Film collection. I

had comtimbelated median. had comtemplated making a list of the gens formed in boutting for and vicinity, giving habilat, greguency to with such other points of indied as might-occur, & rend you but lesk of time the thus for preventie. Ones gone interesting article " notes on New-England Hums" & which I have used and used train of thought; as you kindly offer is identify specimens. I would like to rind you what firm I have some thing to fact sheet as more far examination, after you have passed upon and returned then I will if you wish send such moles as I intended. Ofter you have examined then we shall then wow definitely what we are talking about. telling about; In return far gem troubl I hope I can gin gen some infarmation regarding from growth in central comm. I have spent - some trulne years collecting germs (with other species) in and about Bonthingson once ged that I am fairly well parties on the lovel growth of the speries, It gar with to do anything about it - I will rend the preshage by Experie prepared and you can retner at white and I think that I sent you one of my muider mondant publications, die I and? It has aim been whatlished by the com State Board of Education for distributions amy the reliable. I will rener you a capy as the second edition has a patograph of the number. Noping 2- hear from gon I remain John simily L'Ondrews

Southinger Sep-28" 1901

Me Ger & Devenpach

Dear d'in grown of the 24th of-hand

I am much pleased with your kind offer to

look over my collection. I have been now hours look oner my bellection of gens you can hardly realize the pleasur it gives me once the assistem it- will be to me to her this well Jems examined and perpuly named by such Inthanty, marene and only will it be passertion to me but - will be y great - serieten 1 - other gen collectors in this vicinity who are in a cimilar oitnetion with onyacty: I will rend the collection as own as peach my Jernes of this reasons collecting are orixed in with ather sheets of the same acasons wash, the whole lot will here be assaited to find them Og all kinds I amust here collected from 100, 1-1000 sheets I am delighted lest onight-on the return of 100 sheets sent to Washington for reductionaling They were mostly Donicam on me mercell writes in has idained some of them go the Breebarion them Of cones there were a great man displicates in the lat, fat I collected from every lecation possible dry and wet, shedes and open, mountains and cand plain In was very interesting to me as I anyong this collecting much you may expect to see my Jerns authin a fer days. I here andre gan meggertain 2- rend 25- june Barton address and until their I remein Jones unsuly L'andrews

Southington Od- 12 = 1901 My Dear me Dovempart Ex. The Quidophytes mentioned have asset all of have as proseibly of single-have some peculiar farms of all right-please much & Kon the sheet- with gone initials then I can be runn they have been peased upon by anthought with The sover of the box is festioned with I feel and in factories of the box is feelined with the sound of the box is feelined to the sound of the box is feelined to the sound of the box is feelined to the sound of the sound of the box is feelined to the sound of the sound serens so that gon can easily uplear it when "
with the relation it; Thanking you in advance
for your kindness Jar gem kindness I remain Jan Landrews

My Dear Mr. Daverfourt Jes ferous of this year collecting they are musty Baltyching da haping that I here find the var intermedim I melou clenge for return of maline Bruding that I am not buspassing to simil on your time d remain Græ eineulg L'Ordrem

y wrollen

pend ferry Calta

aril -

N. Dynn locum Dear The talet try Aug 27- 100 Fresh Rich, ming Lee their My Lean school a Southery on 61.

Souther South Southery on 61.

Souther the southery on 61. And the state of the state of the do- with a life of the I waste to turn on the distance 2 1 19 2 But which well the service of the service well and well and the service of the se with desirent in the large in any Walling Sept : 11-1900 Migracian - - ite - from 11 - 17 2

Connecticut Botanical Society

COMMITTEES ON FLORA

PHANEROGAMS AND PTERIDOPHYTES

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LOWER CRYPTOGAMS

BRYOPHYTES: PROF. A. W. EVANS, NEW HAVEN ALGAE: MR. ISAAC HOLDEN, BRIDGEFORT FUNGI: DR. G. P. CLINTON, NEW HAVEN

Southington march 30° 1903 my Wear mi Daverflast Oes de am westing der publication apan additione in the "Helan of the thingson" I wish to refer to some of the afreen sent in the perhaps to you, if you sent en ihr perhage lo jon, if gen endet return them it years rachent en avenien it would be of great-assisten In me, I wish to express to you any apreciation of your beindness, any only regul is that I somewhat in onne way. I think that we Apreciate such Javais more as we delvenn in greas, gen reminel me of De Gray who as I have seen it relatied never refused to assist an inguiring bolamit, and it should be av , are warker, eve of the earth and file

who are not situated where we can have acress to the larger mularie if we are do good wach must be assisted by the leaders ar om comage fail once one give up in despair, I have been at wach now for reverel years building up en huberium of authenticalid material.
something what I can refer to with
confidence and of greatly affire reli-Mu addition, made from green 15

gran, It is within this greatest

pleasure that in referency to my collection

green of can about your resume attached to must of the wheeling it add no much to their value met the ordielenn I han in eten noping et et gen mag remain with as for many year get I remain Your rincing La Cenden

BELTTE DETO STORE.

HUGO ANDRIESSEN,

Oruggist and Apothecary,

Reaver. Beaver Co., Pa.,.... I last need your "Catalogue of the wavesport Herborium from Seo. a. Bates. Sf you could sendus a fascide of the more common ferns, Kesharium Specimens, we should be under wany obligations to you, will pay Expressings and send you Reaver Co Flora Spectruers of wearted. Fave fine specimens of forsil Flora (Ferrs) from Camelton Camel coal negions, labeled by languarray.

Beaver, Beaver Co, Ra My dear Six, Lour Kind Cather Just rec'd and contents noted. In reply would shale that some time this spring our Club intents to go on an excursion to Caucalton , His County , where wany of the ranesh forsil Cryptogacus have been found is the Canach coal usines, We expect to have Inf. Cesquereux, of Columbus, ohio, with us, no doubt the best authority on this subject, and a Sentleman who has reported these fossils and illustrated them in our da Geal. Reports. I have no doubt that of can secure you some fine specimens. of course, they are very keary and their surfaces should be protected from abwortherse

I enclose you a list of Beaver

County Ferres; some species are very searce; aspelaniceus, aspidireus, Polypodiums and Osmundas ara plenty within 6 and I willes from Beaver, our Club is young but promises to do some good work this season.

Ishall be very much obliged to you for the duplicates of ferns which you processe in your letter.

Very truly Yours Augo Andriefen

asplenium ebeneuw
", thelypteroides
", Filix-foewina 4 Caceptosorus rhizophyllus 5 Tolypodiece vulgare 6 Thegopeteris hexagonoplera 7 Aspidium Thelypteris ", Nove boracense, Goldianum Cristateun *Spineeloseem* 11 marginale acrostichordes Cystopleris égragilis 15 Onoclea sensibilis 11 Osmunda cinnamomea 17 " regalis " Claytoniana 19 Sotrychiam Virginicem 29 Adiantum pedatum 21 Praris aguilina

Beaver Ru 6th July Prof. Gev. E. Davenport Dear Cer, Your culloction Alerbarian Operimen of Filmer re has fuch arrived. The are accept my thanks for your Sindness and consider me your debtor. La about 2 weeks Inf herqueroux will be at the Councillon Coal usues, this County. I shall be there and shall try to obhash Some five specimens of forsil feras from Non. Meansfield, the proprietor of the miner. Of course, these yescimens are heavy; do you with them forwarded by Experen or by freight? The latter will be cheaper, Very Respectfully Yours Augo Audrießen

Reaver, Beauer les Ru dear lis dans field Hon. I. P. Mans field fine Journe Jerus, whole please accept as from Town July Lugo Andriessen





Inf. Lev. E. Davenport no 8 Haceillon Place Boston, mass,

Somenew 72. J. Mr. G. E. Darenfort Draw Lin While in Florida I received through Mrs. a. J. Llosson, a letter miller by you to mr. farou, in rigard to the nassau firm dent you- Mrs. Llosson duggested that I send you atter spicement of it that You might to Lune of it-I intended to do so when I mached home, and had a fine Collection of barge and small specimens, but

the Jacksonville fire Took Those as well as all hod collected in Florida. Chi- fore was identified as Davallia, but the spices not given. I have a mork on British Jens, evidently compiled for the use of Horisto going illustrations from all on the moreld, but I do not find this particular our among them to my right of d go to nassau nost mili, as I hope to do, I Fill dud you other specimens. in a tightele in the limestone, on The shelves on the sides with The first At is locally Called Maiden-hair. i fina : Emilia C. auchomy

Gorbernen White. Colon, 1st 1901 111: 9. E. Davenfort Rear Fr Thank for in-The information in regard 18 The Lenes of remember now dung in the greenhouse connected with the notel royal Falm in Manu Ha. The form of Upriling Tryoliatum as four discribe it, but I did not Connect the Two in my mind as the Jame hant at is my reprotation to spind sait of This coming multi in Massam, & of I do do, pichapo jou would like to have good

Specimens of forth these ferres for examination of you mould can for them, it will give inc pleasure to procure inin anoi and to you, if you nice let me know one time before the middle of Frommenter. The delayed Rhodora has just aninch, but I had onjoyed rading four acticle different I have taken The magazine force The beginning Int I thank you for The contacty am forms Amcent, Emilia C. Auchoras

non of them.
My address will be as above for two weeks nearly, and then at Charles City again.
Yours Rispertfully,
J. C. arthur

Do Geo. E. Novemport, Mudford, Mars. amer, Lowa. Nov. 10 th 1882

Dear Sir; -Mu Phyofteris came last night and I aind it on Toxiay. L'also Enclose specimens of Camptosoms which I take to be a marked variety if nota good species. L'sent the Rame to Professor Eaton who did not return an opinion, however. I propose to publish a description of it in my next- Contributions to the Hora of Lowa which is about reasty for the printer, and would

ful freath molested to you for an expression of your views as to the best way of designating. it - whether it would be but he call it a species, variety or only a well marked form.

II- differs from C. shigophyllus by having a rounded central bundle in the stipe not-accompanied by a thread of ocherenchyma, by the thinner and narrower fronds, simpler venation, acute base without a vertige of auxiles proper, (the slightly bastate expansions just above the have, I do regard as at all auricular in this nature as shown by the venation), and by the more marked dimorphism of the fronds,

It differs from C. Sibiricus on the other hand by the longer stipes of the sterile fromds compand with the fertile ones, the brown bares of the stipes, the firmer texture of the blade, the abruptly narrowed

base, and the greatest breadth of the fertile frond being near the base instead of considerably above it.

The dimorphism, texture, venation, und size of the fronds and the intermediate of the stripe show this to be intermediate in character between the two species named.

It has only been found in one locality, on a timestone bluft, with G. rhigophyllus growin luxuriously a few rocks away.

opinion of this matter 2 shall feel greatly obliques.

plants in exchange for any plants in exchange for chose sent, but would be pleased to receive any of your writings you choose to send me at any time, for at present I have

academy of Sciences Chicago Ell: Sept. 30" 1883

My Dear Sis:

My list of Lowa ferms has not - yet - been printed but - 2 hope to get it out during the wenter. No additions have been made to it this season, but a few localities have been added. Neither 80, 82 or 45 of your list have turned up, neither have I seem anything of them in Illinois. But the latter fact is not - strange, for I have been in no localitywhere they could be expected. Very Truly Yours J. C. arthur

To Geo. E. Davenport, Eng.

STATION STAFF.

C. S. PLUMB, B.S. Director.
W. C. LATTA, M.S. Agriculturist.
JAS. TROOP, M.S. Horticulturist.
H. A. HUSTON, A. M., A. C. Chemist.
J. C. ARTHUR, D.Sc. Botanist.

Veterinarian.

A. W. BITTING, B.S.

PURDUE UNIVERSITY

Agricultural Experiment Station of Indiana.

LAFAVETTE, IND. May 2, 1896

Mr. Gev. E. Davemport Medford, Mass Dear: I return two drawings by Faron, recently sent for Engraving. I have a les sent a proof of the smaller one, which I hope will meet your approval. I trust they will reach you Yours truly J. C. archur

Butterfly Val; out, Jul, 1495; h., Corge & Davenfurt; dian Sin, Thanks for your letters and package of firms, all named, I recognize but two in the lot as having seen before I regret that I did not name all the plants in The lot I sent you, that I could was familiar with about half of them, I sent about the Same number and kinds to Mr. Oringle, Terhaps, he could name them for you, If not I shall here after send you another lot named? Some of our ferns grow so large that it would be almost inpossible. to press the whole plant The impor-fect specimen, which you think

Aspidium Thelypleris grows to whigh Dec, 1sth-Since writing the as high as six ful, others three & four above : "crimed & cetter from your multile friendlichers, deres, Stell in ceived ferns from your and I shall send you a box of plants in speaks in praise of them, the latter part of Sieb, or early in Mark The wands a spend the benten neal fourther one Spain Beak. It is too cold now to trust them. I would like dried specimens of your I'am deligted with the thought I duppease your of the cast will pitcher plants (Sarracenias) and sum have at a rand time. I never enjoy 'dews' (Groseracea) I have not heard from Mer Ringle 2) great crowd, Always makes Since I sent him a small box of me sad for days after, If we Rools & dried plants, Wishing you a happy & useful Should Spend our fourth on the Jeak, in The haunts of the Grizzly, you shall have a New year, I remain yours truly description of the celebration and some unements from the highest point we reach

There so the storm to over, so their some of the mot the man of the mot the walk the way we the individual the individual to the individua They to have been been as it is thereing - sour of their getton, and all any Will stond for a how of the on the pretty. The largest - Whiola labata, Vida Butlefly Valley Sal, Nov. 24th 1875. . ehsantha, V. glabella. I do not know Men. Lavenpart.

Lear sir.

I am The mirror of the cong having dem fround primate leaf of which I like more than any of them, We have tow blue ones, One of them has w very long, happy that you were well pleased Thur, The white Wioled, I one white with your plants, I hope you many succeed in growing succeeding in I likac, with compound pinnate Laves, very beautiful at very nare Moss, I will send you half dogon It is loo late to find any leties to strong plants, to det with your Saracerias, & do not see, why they Lend you, I went yesterday & duy some bulls of Enothereus & our three baliwould not grow, I believe they will, if planted in the running water contas to send to Mer, le, & Bringle (of whom you speaks Some one must have from a cold spring, with plenty of moss or gravel about the roots, They referred him to me, as I have had two letters from him. They came in the same Thrive well here, when pulled up & mails that brough me your low, thrown back into running water, I have a box of five different kinds of any time in the year, I have not. times to send him I am going to succeed in making then grow in

person the states I am so happy boxes, and have not heard of them being successfully sufficiented in that to Minch you are yours to dend me from. I'd will thy to repay your way, though I know of a number of kindoness, by sending you as mis fremans who have made the attempt. specimens of living or dured plants and failed. They must be heplield, as the springs in which they grow, are as this part of teat affords, Our michael friend, Mors, Ames almost like recommen, he visited every year, for three year I have no nice specimens of Bodrichium, It was too dry this year hast, and has promised to come again with the flowering of Darlingfor them, I out found there in lonia. She is an excellent botants (fruit?) and have sent them away. and a true woman I send you some leaves & four other ferns, Aspidein munitum, & three Same of them are not perfect specin others which I have not had named, We have only six or seven different news, I have sent were eight kinds of firms in this valley, but dels this senson, selecting the nices I can get most of the ferns of bal, each time, I send you these in order that you may know the kinds, I have and send you as I have made as-& Tell me those much disired by you rangements to exchange specimens We have seven & perhaps eight-defurent kinds of violets growing wild here with persons troining in different

Butterfly Val. Cal. 3496. Mor G. E. Davemport Please accept my warmest thanks for the beautiful ferms which came to hand on the 4th inst. I have been working at them to-day, label, ing and naming as marked in printed list of when you send description of them will finish the work I am so proud of them. I never expected to be the owners of such a nice collection for my herbari-"um. I now have about 500 species of different families, and expect to increase it to 1000 this year. I shall remember you with living & dried plants, "We have been having heavy snow slom I cold weather since the 1st of fam. Snow three feet deep in this little

walley, & from ten to twenty feet on the high mountains between this and the outside consequently the mails are very rencertain, To soon, as I think it will be safe from too hard freezing, will send you a box of Daklingtomias. Washington, and Bloomers lilies fermo, &c, I don't suppose I cannot find violet in time to send them, as The tops are all gone, If there are any Species among the dried specimens, which you would particularly desire to cultivote please let me know. I am going to send you a snow plant" (Sargades Sanguinac) How I wish it ender he cultivated in the East, I am going to study ito habits some This year, Happing to hear from you soon.

yours truly

RoMo, S. Arestin

Me Carreford; 1 ar letter in U Post a some in the hoton, I ame been for invest to make the examina Time of the Francis of the Singer in in is a so it is well a mine & week move lo marani, I carri do nothing noi, but will in the future, aid you all I can in this multier There is no subject in which I take greater interest in, than fitual a with, The had pute a niew little wholes. bearing Driver on the 4th, ith our family allouded, and head any good time; Mers somes was mot firesent as she was not well amongs to seem,

Mr. water is in the bake one to the Meantres, school to miles from here and interior live of a pictor to get many in senies things were the death made with them, I have all not be grown as get the warm with in glat, here in three years growing to come I is a to exeption never factivemense, and get testines, Shall carried is soone as they are in the proper star " have madew large exterior - of dried plants this selson & if justilled will send The four hame D. I have time to write no more this morning but with take writing insterial with me and may write your from the Joyle Sieras, the home of the wied indians & Grigly Bears. Syours, Truly A 1. Austria

American Val. Cal. Nov. 7, 76 Dear friend, Mr. Davenport. I have put up the Gerns to day, & have them all seady. I hope the Botrychium may be of use to you, Had I remained at my dear old home, would have taken pleasure in watching its growth & repor long the same to you, I feel that I owe you are apology, for my apparent neglect, I have been so hurried, & the chills left me in a poor plight for so much action, I then our winter has set in unusually early, & was obliger to prepare my two little forks warmer dothing, There have been so many things for mothers hands to do I know you will pardon, Our Dear freend, Mrs. Ames fift

for her home in San face last I send you an entire Other's week, and Mer Leimon, I hear agailine, It, pretty large but not is quite all not espected to recover so tall as some of them grow I I received a copy of our leal, Bot. send also a part of a frond bearing from Mer. Pringle in July, but have the fruit, I take them to be the Scarcely had to be to look at it same form, The larger one grew near I hope he made you his proposed the water of the smaller one, having visit, and that you had a real stan the fruit on the hillside near real feast. Haping to hear from you som I shall send you another I remain your friend; package of plants, sometime during Mas, Oie, Me, Arestin Deiney, Olimas ba, California, the winter numbered, & married as far as I am able In the package, are two specimens of Sarcodes sanguismaca There! I came near forgetting the The Chelianthes are not nece, but Seed Sow Them as you did The the best I could find, Old I send you others, & leave them out all winter an Advantum pedalum in the if your spring water keeps the moss. other package? I found a few in and ground from fruging. This valley, & Gymno gramme tri angularis on spanish creek. I was loo late to get good specimens.

C American Val, Gal, Dec. 12, 1876, Mr. S. & Davinpart, Bear fried, ceived your nice box of plant about a week ago, in good condition, for which accept many, many thanks I do not live in the region of Darlingtonia now, so I have set the Darracenias in a box, & The Hepalicas I placed in a hanging basket in my babin window, I sent you a small box of roots three or four days sign, They are this for a few more Darling Hartweigh, Erythroman grandeflora. and I believe I put in a rout of Aspidium minitum, I was pulling some of them up for Mer, Pringle

at the same time.

you ought to have seceived the succeed in making it good I terms I sent you before this, know you will be delighted I shall try & name the next specime with it, It is so beautiful and I send you a few seeds Gragrant I send you a few seeds I am still very bury & find it of the Washington bily, This is the impossible to spend much Time with Lower of all the lifter I have ever bolanny, Many of my valued carrespond seen. It is a pure waxen white. of leisure to wite, for the went very large or of such a delight tiful.

Alers, Ames writes one that she is Shall be delighted with the Her very happy in her new home where barium specimens you have promis it is almost perpetual summer, you ed, I have about seven hundred ers bloom the year round in the species now, & The promise of many open air & at never snows nor froger more in exchange. I find the bal The writes What pity it is that we Bot, to be a great help to me. ful a clime." remain your sincere friend, Do not send me any more plants to grow, untill I wile you for them We are not settled, & hable to change localities in the spring, I sent in the box a noot of type repedien occidentala, If you